

**CELLULAR MICROBEAD FILTER FOR USE IN  
WATER RECIRCULATING SYSTEM**

**Abstract of the Disclosure**

- 5           A water recirculating system for use in producing fish. The water recirculating system includes a fish raising tank that provides an environment for fish to grow and a supply system to deliver contaminated water from the fish raising tank to a filtration system. The filtration system includes a chamber with a hydraulic loading area that is divided into a plurality of cells with smaller
- 10 hydraulic loading areas. Filter media is positioned in each cell to filter the contaminated water received from the fish raising tank. A delivery system returns the filtered water back to the fish raising tank.